

METHODS OF USE OF
RECOMBINANT VASOACTIVE PROTEIN
FROM SALIVARY GLAND OF THE BLACK FLY

5

ABSTRACT OF THE DISCLOSURE

The invention is drawn to vasodilative proteins from the salivary glands of the species, *Simulium*. The protein additionally has immunomodulating activities. Methods for recombinant production of the protein as well as biomedical uses are provided.